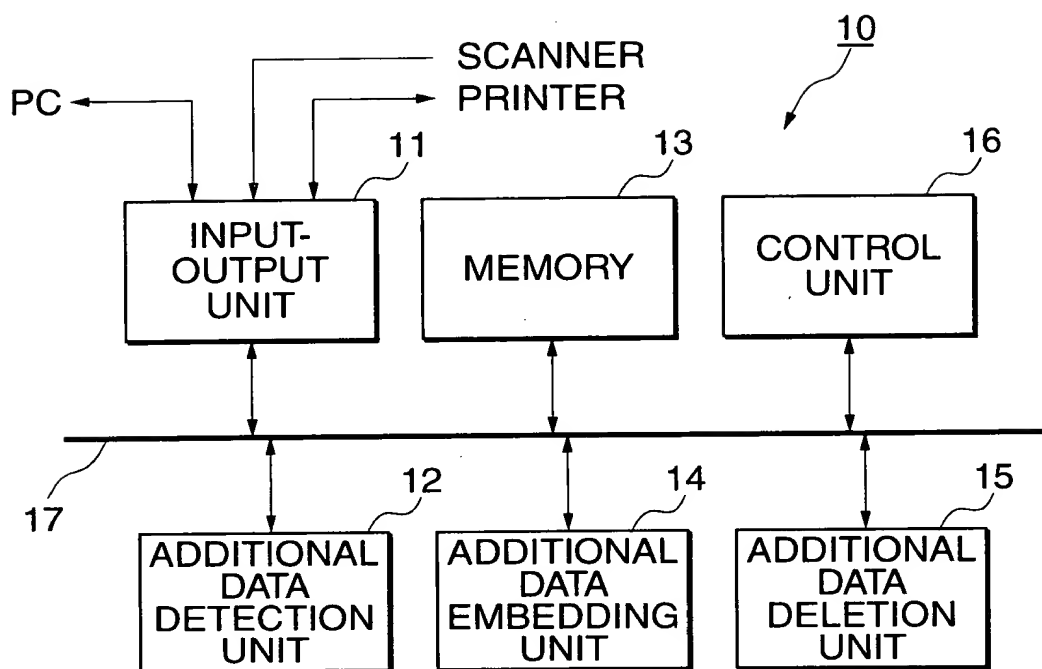


**FIG.1**



**FIG.2**

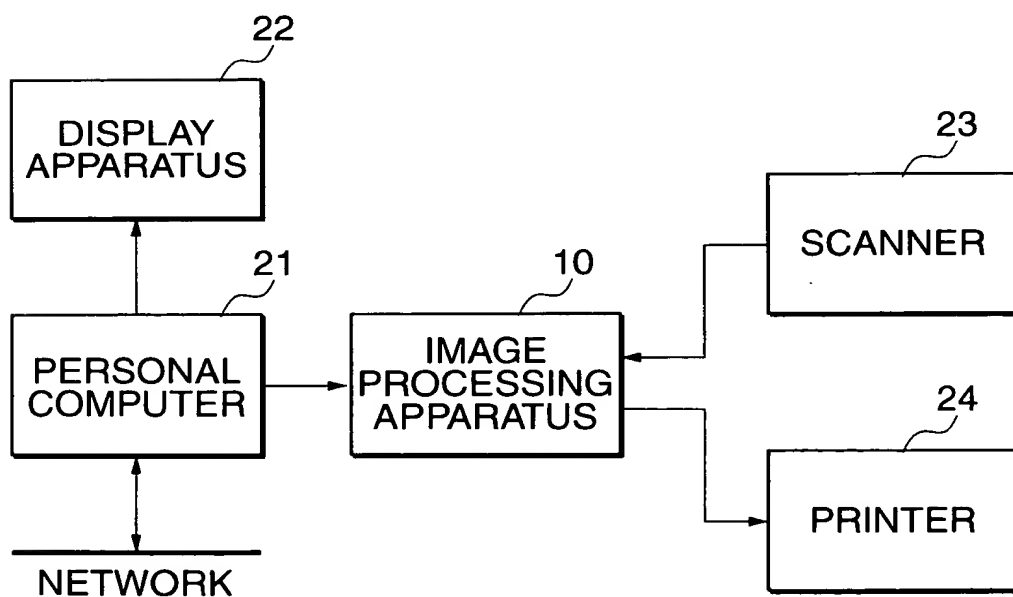
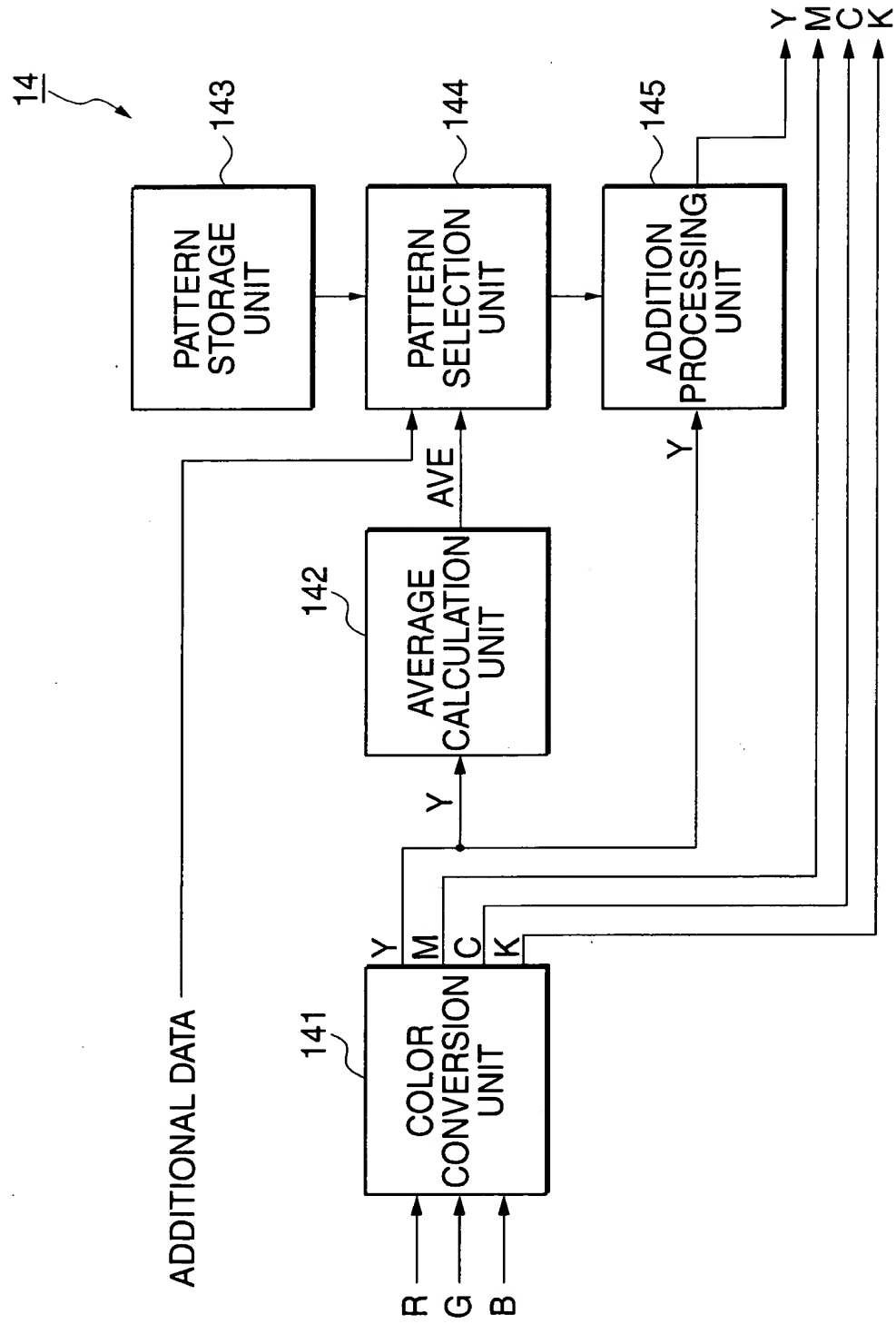
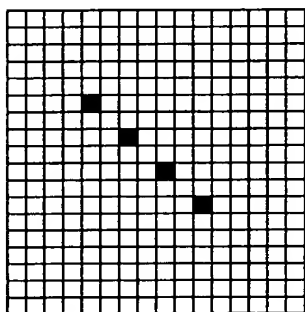


FIG. 3

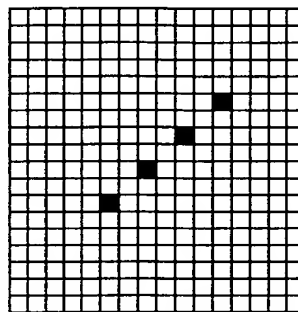


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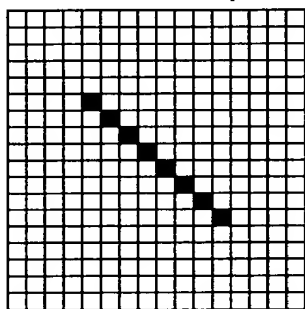
**FIG.4**



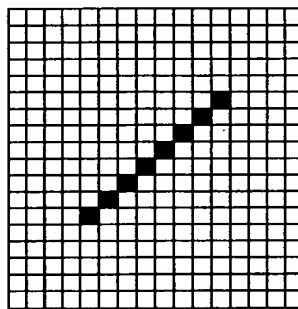
S00



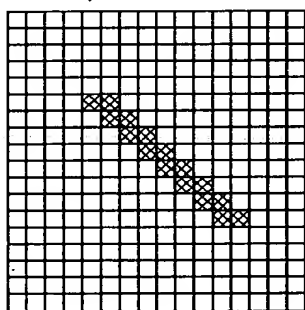
S01



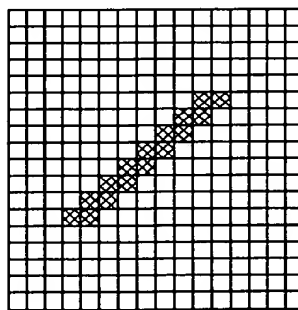
S10



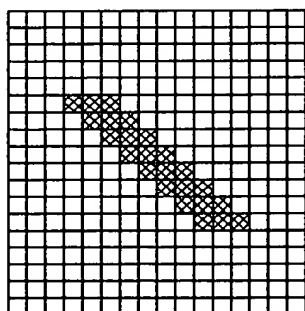
S11



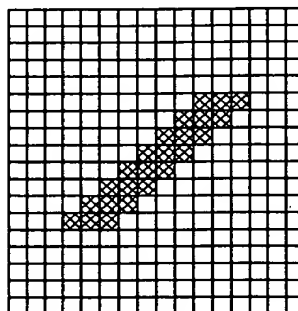
S20



S21



S30



S31

**FIG.5**

AVERAGE AVE	ADDITIONAL DATA BIT	PATTERN SELECTED
$AVE \leq TH1$	0	S00
	1	S01
$TH1 < AVE \leq TH2$	0	S10
	1	S11
$TH2 < AVE \leq TH3$	0	S20
	1	S21
$TH3 < AVE$	0	S30
	1	S31

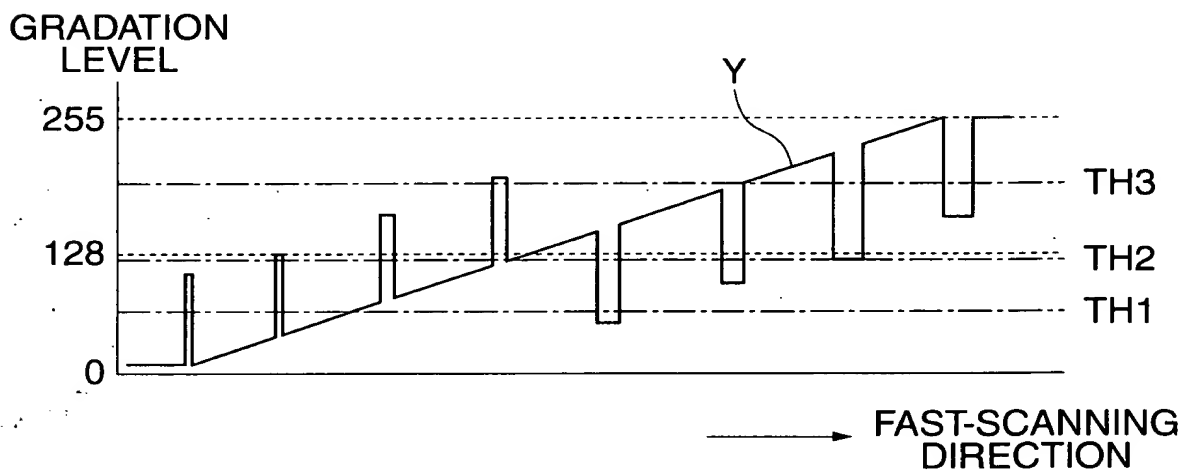
**FIG.6**

FIG. 7

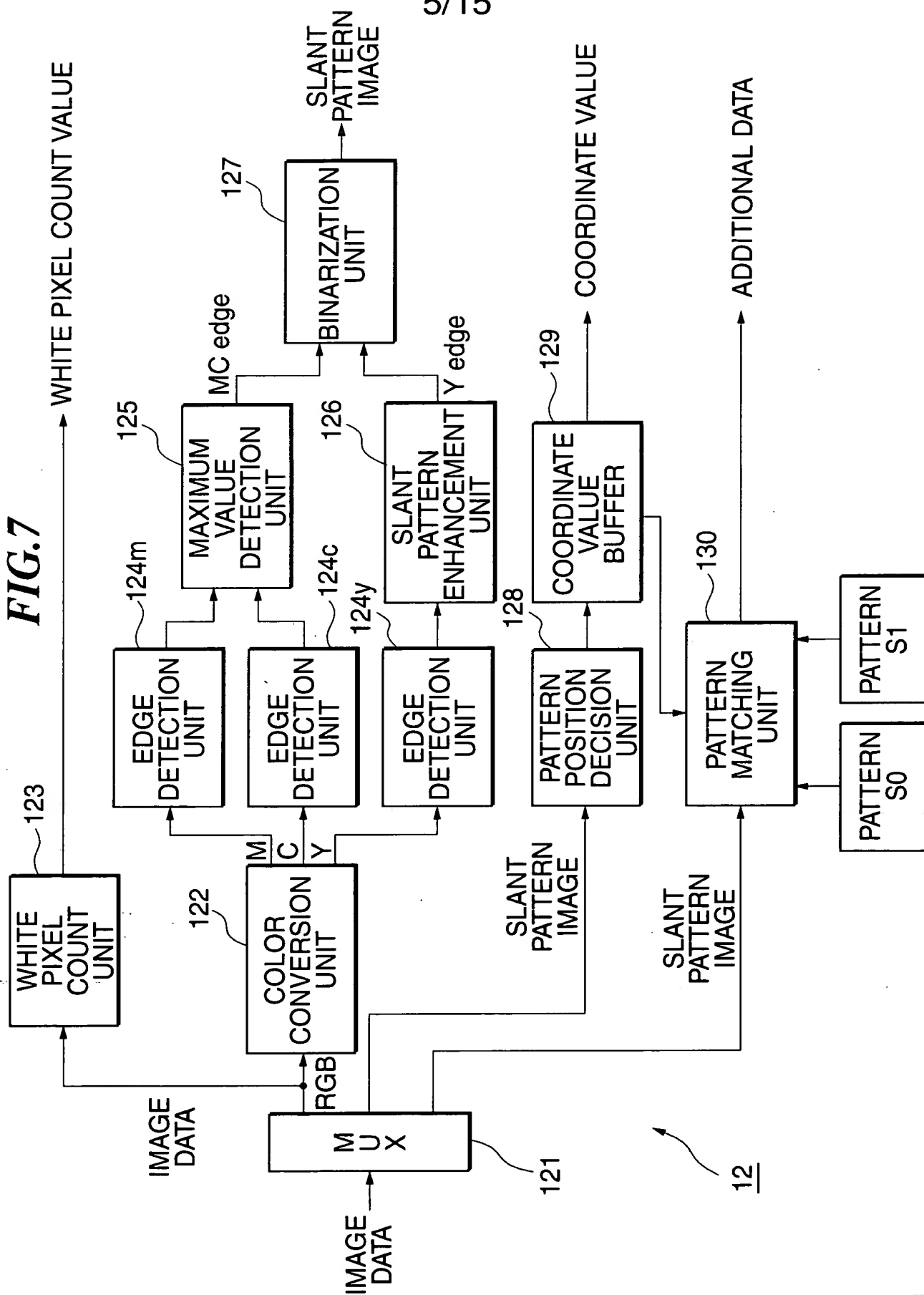


FIG.8B

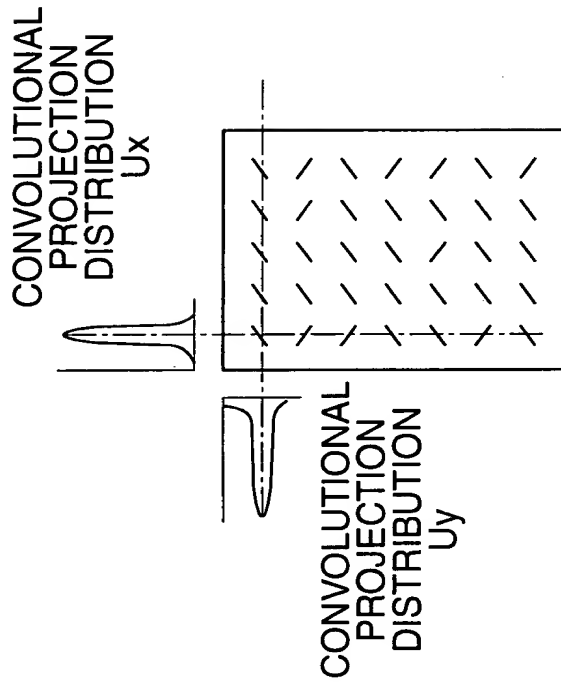


FIG.8A

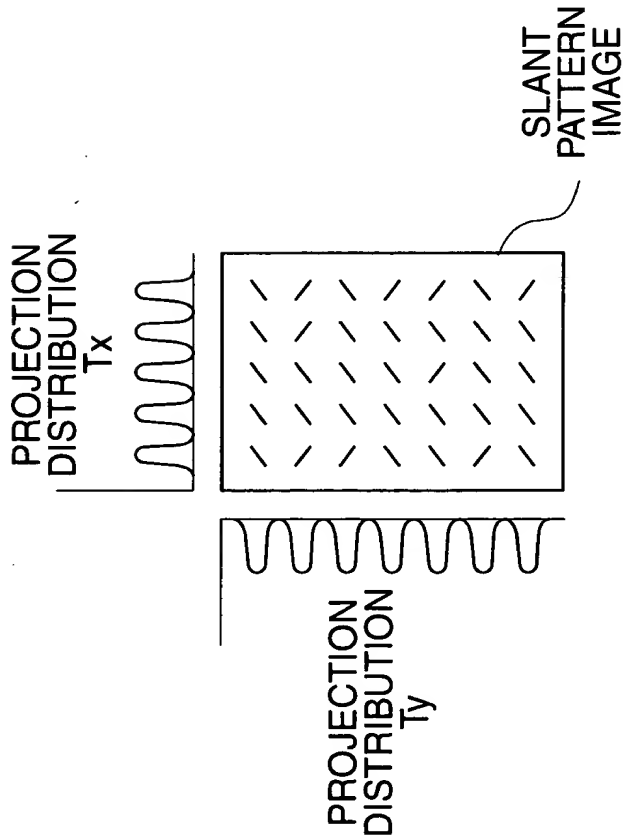
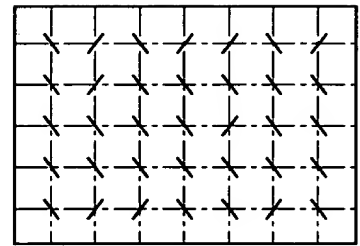


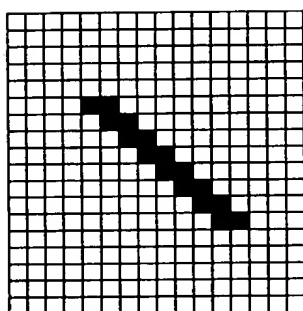
FIG.8C





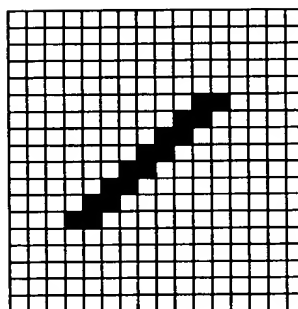
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***FIG.9A***



S0

***FIG.9B***



S1



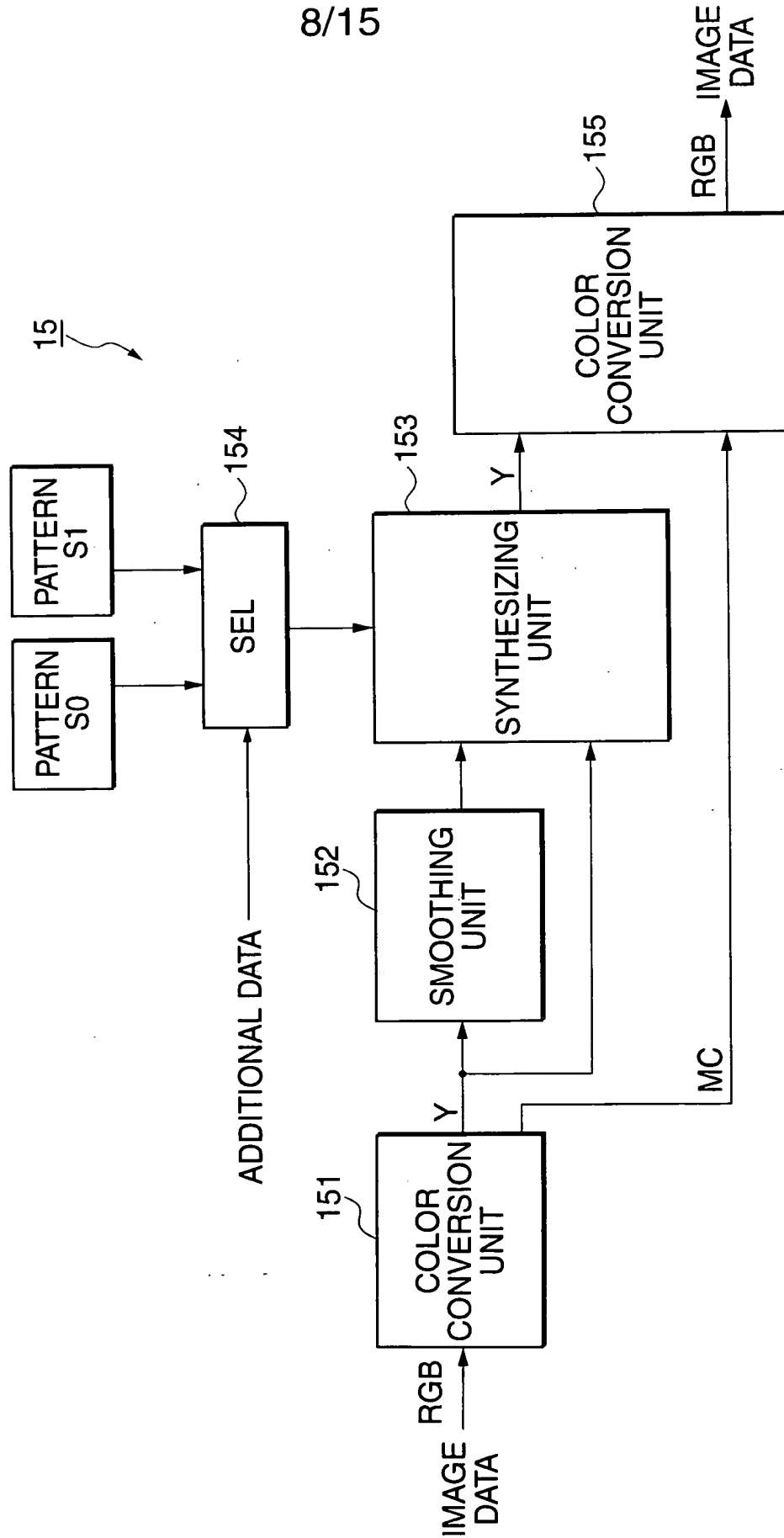
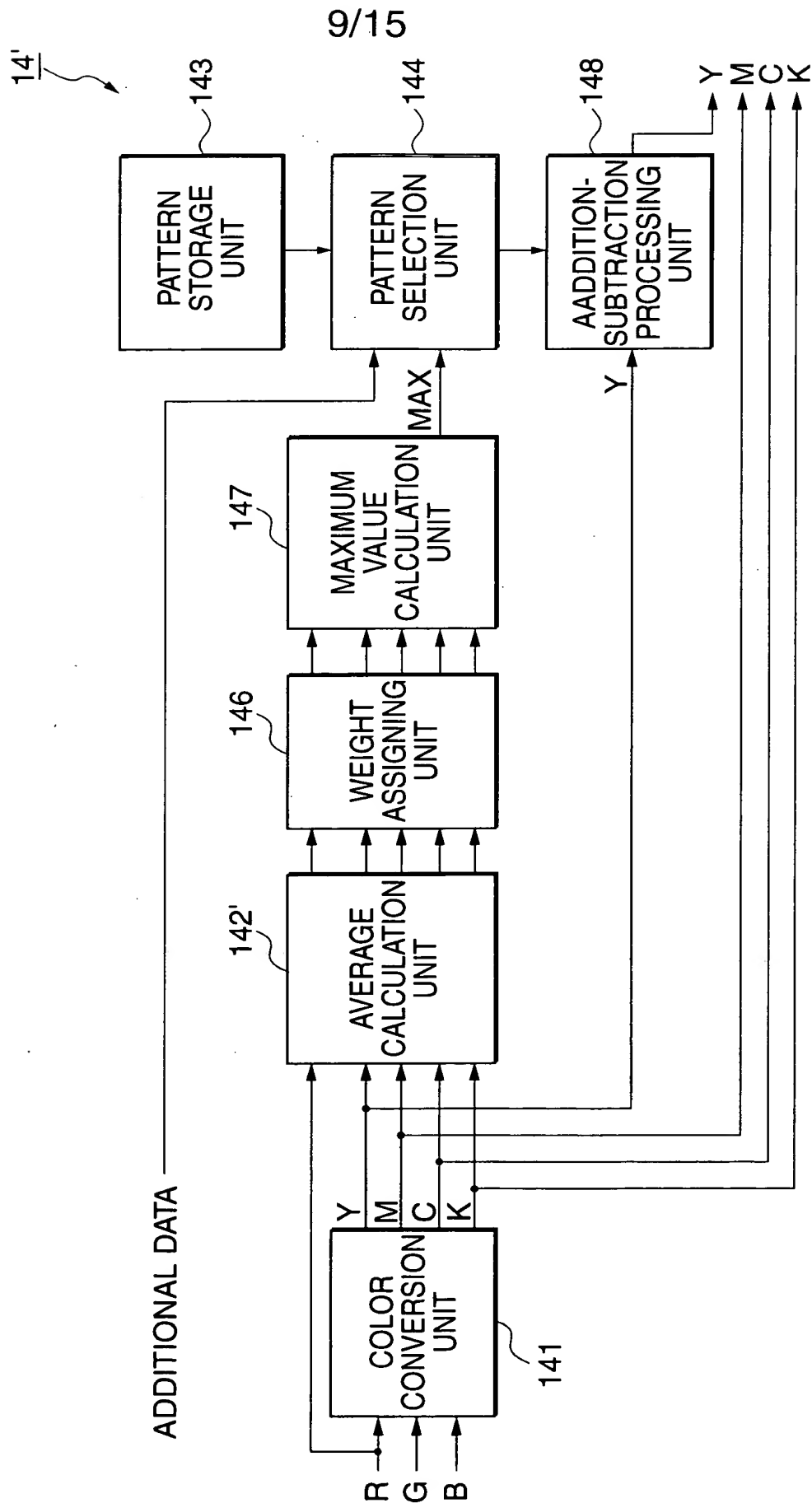
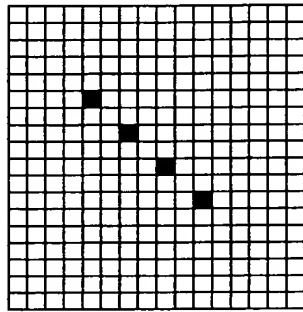
**FIG.10**



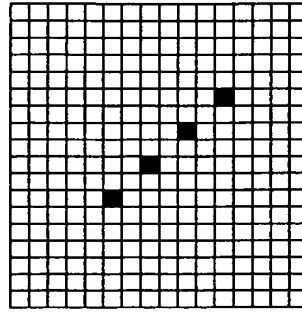
FIG. 11



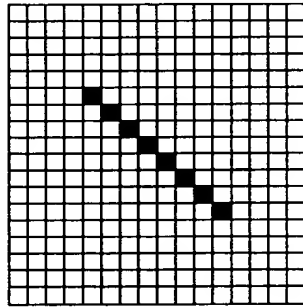
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**FIG.12**



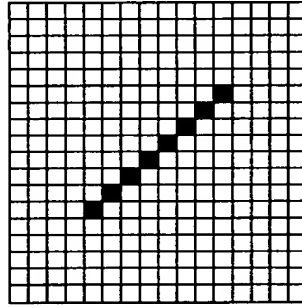
S00'



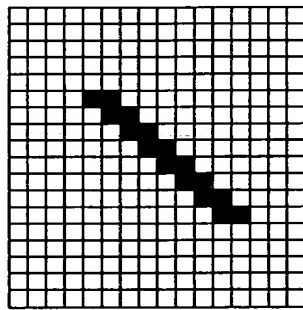
S01'



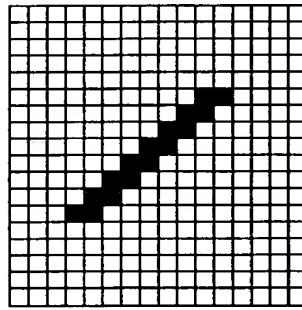
S10'



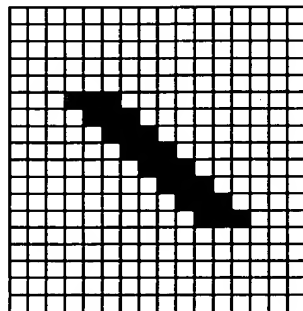
S11'



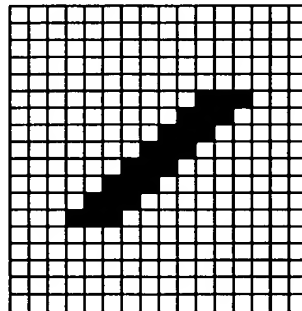
S20'



S21'



S30'

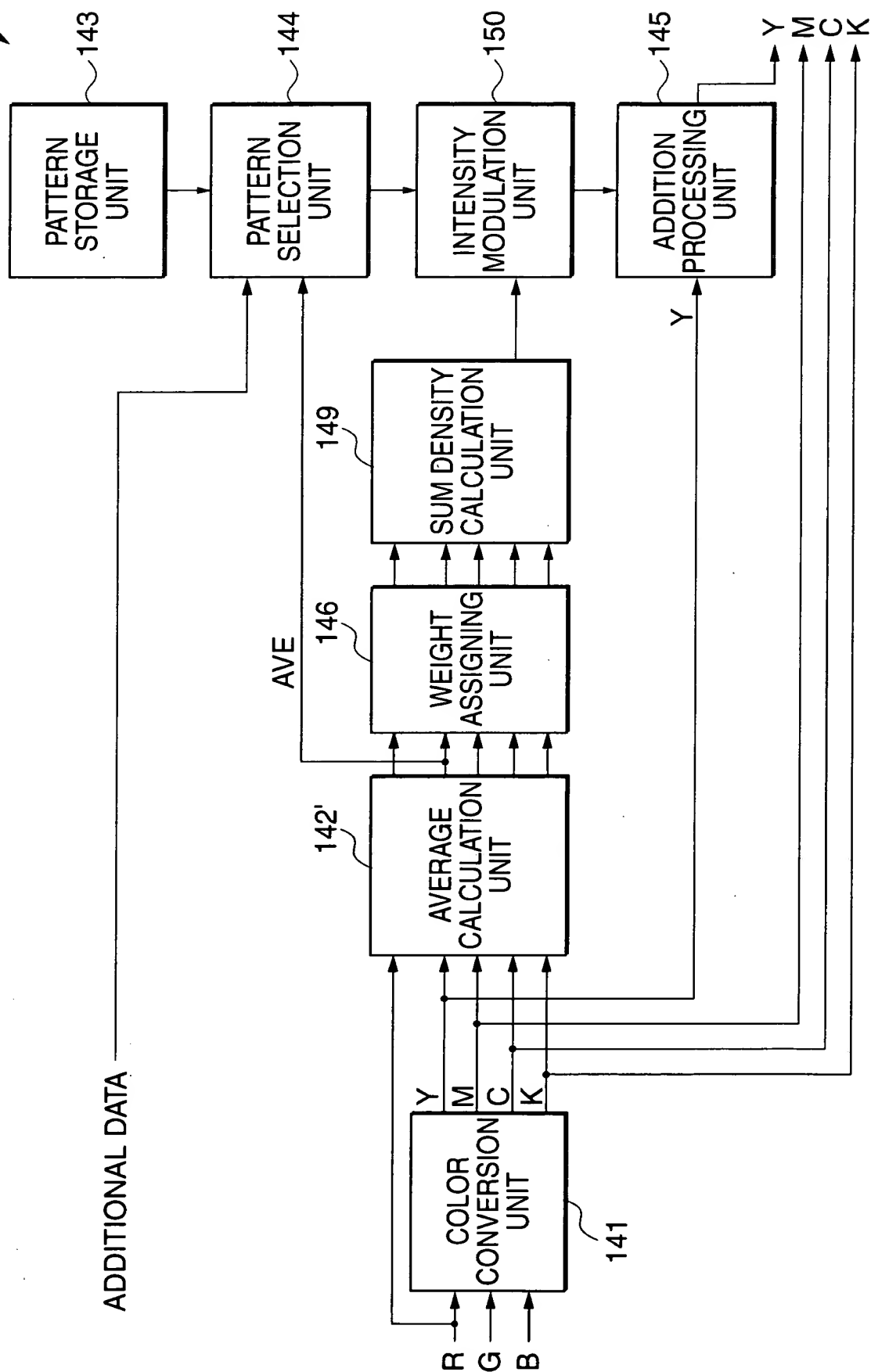


S31'

**FIG.13**

MAXIMUM MAX	ADDITIONAL DATA BIT	PATTERN SELECTED
$\text{MAX} \leq \text{TH1}$	0	S00'
	1	S01'
$\text{TH1} < \text{MAX} \leq \text{TH2}$	0	S10'
	1	S11'
$\text{TH2} < \text{MAX} \leq \text{TH3}$	0	S20'
	1	S21'
$\text{TH3} < \text{MAX}$	0	S30'
	1	S31'

FIG.14



**FIG.15**

AVERAGE AVE	ADDITIONAL DATA BIT	PATTERN SELECTED
$AVE \leq TH1$	0	S00
	1	S01
$TH1 < AVE \leq TH2$	0	S10
	1	S11
$TH2 < AVE \leq TH3$	0	S20
	1	S21
$TH3 < AVE$	0	S30
	1	S31



***FIG.17***

